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|-----|-------|--|---------------------------------|----|-----|------------------|
| S4 | 7 | S2 and (service adj measurement) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 14:44 |
| S5 | 2930 | (estimat\$3 or measur\$6 or calculat\$3) near ((QoS or throughput or data adj rate)) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 14:46 |
| S6 | 199 | S2 and S5 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 14:52 |
| S7 | 0 | S6 and (modem with display\$3) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 14:47 |
| S8 | 3 | S6 and (modem same display\$3) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 14:47 |
| S9 | 13578 | S6 snf (RSS or RSSI or SIR) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 15:10 |
| S10 | 41 | S6 and (RSS or RSSI or SIR) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 15:30 |
| S11 | 8 | S10 and modem | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 15:09 |
| S12 | 88 | S5 and (RSS or RSSI or SIR) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 15:10 |
| S13 | 14 | S12 and modem | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 15:10 |
| S14 | 4078 | 455/67.11,423-425,566.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 16:20 |
| S15 | 39 | S5 and S14 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 15:31 |
| S16 | 6163 | 455/67.11,423-425,450,452.2,453, 566.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 16:30 |
| S17 | 178 | ((network) near (throughput or bandwidth)) near (calculat\$3 or determin\$3 or estimat\$3) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 16:39 |
| S18 | 2 | S16 and S17 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 16:31 |
| S19 | 0 | S17 and ((receiv\$3 or transmit\$3) near (RSSI or RSS or SIR)) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 16:38 |

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| S20 | 0 | S17 and (RSSI or RSS or SIR) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 16:42 |
| S21 | 0 | S17 AND (modem near displ\$3) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 16:40 |
| S22 | 0 | S17 and (modem near display\$3) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 16:39 |
| S23 | 91 | S16 and (((throughput or bandwidth) near (calculat\$3 or determin\$3 or estimat\$3))) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 16:40 |
| S24 | 0 | S23 AND (modem near displ\$3) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 16:40 |
| S25 | 8 | S23 and (RSSI or RSS or SIR) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/16 16:42 |
| S26 | 1501 | ((calculat\$3 or estimat\$3 or determin\$3) near (throughput)) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/17 14:25 |
| S27 | 32 | S26 and (RSS or SIR or RSSI) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/17 14:26 |
| S28 | 4705 | 370/252,328,338.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 13:19 |
| S29 | 427 | S28 and ((calculat\$3 or determin\$3 or estimat\$3) near (throughput or parameter\$1)) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/18 16:17 |
| S30 | 41 | S29 and (RSSI or SIR or RSS) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/18 16:18 |
| S31 | 1 | "5371794".pn. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 11:49 |
| S32 | 75 | ("5371794").URPN. | USPAT | OR | OFF | 2005/04/19 12:03 |
| S33 | 22 | ((calculat\$3 or determin\$3 or estimat\$3) near (network adj throughput)) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 13:41 |
| S34 | 1 | "2002080726" | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 13:17 |
| S35 | 1 | "20020080726" | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 13:17 |
| S36 | 4715 | 370/252,328,338.ccls.. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/26 18:49 |

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| S37 | 2187 | 370/252.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 14:44 |
| S38 | 13 | S37 and (modem with display\$3) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 13:20 |
| S39 | 0 | ((calculat\$3 or determin\$3 or estimat\$3) near (throughput)) and (modem near display\$3) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 13:25 |
| S40 | 192 | ((calculat\$3 or determin\$3 or estimat\$3) near (throughput)) and (modem) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 13:25 |
| S41 | 26 | S40 and (RSS or SIR or SNR or RSSI) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 13:26 |
| S42 | 0 | (network near throughput) same ((first or second) near (parameter\$1)) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 13:42 |
| S43 | 45 | (throughput) same ((first or second) near (parameter\$1)) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 14:18 |
| S44 | 956 | (communicat\$3 or transmit\$3) near (throughput) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 14:21 |
| S45 | 225 | (communicat\$3 or transmit\$3) near (throughput) same (device or unit or terminal) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 14:21 |
| S46 | 69 | S45 and "370"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 14:21 |
| S47 | 22 | S46 and modem | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 14:39 |
| S48 | 52 | S45 and modem | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 14:22 |
| S49 | 0 | (communicat\$3 adj network adj throughput).ti. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 14:40 |
| S50 | 1 | (communicat\$3 near network near throughput).ti. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 14:40 |
| S51 | 37 | S37 and ((communicat\$3 or calculat\$3 or estimat\$3 or compute\$1) near (throughput)) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 15:37 |
| S52 | 96 | S36 and (network near throughput) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 15:38 |

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| S53 | 923 | S36 and (throughput) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/19 15:38 |
| S54 | 5430 | 370/232,252,253,328,338.ccls.. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/26 18:49 |
| S55 | 5430 | 370/232,252,253,328,338.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/26 18:50 |
| S56 | 1127 | S55 and throughput | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/04/26 18:50 |